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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

APRIL 1946

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BULLETIN OF THE MONTH

"Peacetime Adjustments in Farming." Miscellaneous Publication 595.

A cooperative study by the land-grant colleges and the Department regarding farming possibilities under prosperity conditions.

AGRICULTURAL INFORMATION SERIES

Farmer Jones' timber crop. Extension Service and Forest Service. 15 p. illus. (AIS-35.)

This folder describes the assistance Farmer Jones received from his county agent and local forester.

Water for the modern farmstead. Rural Electrification Administration. [4] p., illus. (AIS-44.)

This folder gives a plan for a modern electrical farm water-system.

U. S. meat stamps. Production and Marketing Administration. Folder, illus. Supersedes Unnumbered Publication, U. S. Meat Stamps. (AIS-47.)

A folder showing the inspection stamp used by the Meat Inspection Service and the meat grade stamp used by the Meat Grading Service.

Youth learns and earns while helping on farms with the Victory Farm Volunteers. Extension Service and U. S. Office of Education cooperating. Folder, illus. (AIS-50.)

The 1946 Victory Farm Volunteer program for urban youth is outlined.

Youth can help. Extension Service. Folder, illus. (AIS-51.)

A folder discussing the program of using city and town boys and girls to help the Nation meet the farm-labor shortage this year.

CIRCULARS

Methyl bromide as a delousing agent. Randall Latta, Henry H. Richardson, and James B. Kindler, Bureau of Entomology and Plant Quarantine. 40 p., illus. (Circular 745C.) Price 10¢.

The development of applying methyl bromide as a fumigant for delousing clothing and equipment is described. Results of experiments with various dosages are given.

The lily weevil, a potentially serious pest in the Pacific Northwest. Charles F. Doucette and Randall Latta. Bureau of Entomology and Plant Quarantine. 24 p., illus. (Circular 746C.) Price 10¢.

The history, economic importance, and recommendations for field control are given so that lily-bulb producers in the Pacific Northwest may avoid serious losses.

*Compiled by Eleanor W. Clay, Office of Information.

Judging mountain meadow range condition in eastern Oregon and eastern Washington. Elbert H. Reid and G. D. Pickford, Forest Service. 31 p., illus. (Circular 748C.) Price 10¢.

Methods of judging the condition of mountain meadow range, and practices designed to improve deteriorated ranges in the Pacific Northwest are given.

MISCELLANEOUS PUBLICATIONS

Summary of state and territorial plant quarantines affecting interstate shipments. Maude A. Thompson, Bureau of Entomology and Plant Quarantine. 116 p. (Miscellaneous Publication 80M., rev.) Price 20¢.

This revised publication is issued for the convenience of shippers, plant-quarantine inspectors, transportation agents, truckers, and others concerned in the interstate movement of nursery stock, fruits, vegetables, soil, and related materials.

Improving pastures and grasslands for the northeastern states at the U. S. Regional Pasture Research Laboratory. Agricultural Research Administration. 29 p., illus. (Miscellaneous Publication 590M.) Price 10¢.

This publication describes the work of the U. S. Regional Pasture Research Laboratory, State College, Pa., covering the complete program, the results obtained to date, and the continuing research.

Peacetime adjustments in farming. Interbureau Committee on Postwar Programs in cooperation with the Land-Grant Colleges. 52 p., illus. (Miscellaneous Publication 595M.) Price 20¢. See page 1.

Planning your farmstead wiring and lighting. Rural Electrification Administration. 31 p., illus. (Miscellaneous Publication 597M.) Price 15¢.

This booklet is not intended to show you how to wire your farm but will help you to plan the type of wiring that will enable you to use electricity profitably and safely.

The home demonstration agent. Extension Service. 38 p., illus. (Miscellaneous Publication 602M.) Price 15¢.

This publication tells how the county home demonstration agent has gone about helping farm families to improve their homemaking. It also suggests some of the trends in rural life that she will want to take into account in planning her work in the future.

OTHER PUBLICATIONS

Bibliography on cork oak. Roberta C. Watrous and Helen V. Barnes. Library. 66 p. (Bib. Bul. 7.) Price 15¢.

This bibliography includes references to the literature on the cork oak and its culture; the stripping, treatment, and properties of cork; and the cork industry and trade of various countries. Material dealing exclusively with the manufacture of cork products is omitted.

La cura de la vainilla. Francisca E. Arana. Office of Experiment Stations. 22 p., illus. (Puerto Rico Circular 25PRC.) Price 10¢. For sale only.¹

This is the Spanish edition of Puerto Rico Circular 25, The Curing of Vanilla.

National forest areas. Lyle F. Watts. Forest Service. (15 p.)

A report on the National Forest Areas as of June 30, 1945.

The 12th annual report of the Farm Credit Administration, 1944-45. 123 p. Price 25¢. For sale only.¹

SERVICE AND REGULATORY MATERIAL

Modification of Japanese beetle quarantine regulations. Effective March 18, 1946. Bureau of Entomology and Plant Quarantine. (BEPQ-Q-48. Amdt. 1.)

Service and regulatory announcements. Bureau of Animal Industry. January 1946. Pp. 1-4. (S. R. A.-B. A. I. 465.) ; February 1946. Pp. 5-10. (S. R. A.-B. A. I. 466.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

SOIL SURVEYS

Indiana, Martin County. (Series 1936, No. 23.) 72 p., illus. Price 50¢.

Utah, the Salt Lake Area. (Series 1936, No. 22.) 83 p., illus. Price 50¢.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

TECHNICAL BULLETINS

Compositional changes in the date fruit during growth and ripening. G. L. Rygg. Bureau of Plant Industry, Soils, and Agricultural Engineering. 51 p., illus. (Technical Bulletin 910T.) Price 15¢.

This bulletin describes the changes in the chemical composition of the Deglet Noor and Barhee varieties that occurred during the period 6 weeks after pollination to the end of the harvest period.

PERIODICALS

The agricultural situation. Vol. 30, No. 4, April 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agricultural decisions. Vol. 5, No. 1, January 1946; Vol. 5, No. 2, February 1946. Price of single copy varies depending on size. \$2.00 a year, domestic; \$2.50 a year, foreign.¹

Agriculture in the Americas. Vol. VI, No. 4, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 8, No. 4, April 1946. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XII, No. 4, April 1946. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 94, No. 3, March 1946; Vol. 94, No. 4, April 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single numbers 20¢ a copy. Foreign subscription per volume, \$2.00 a year.¹

Extension service review. Vol. 17, No. 4, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 10, No. 4, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

——— Index to Vol. 71, July 1–December 15, 1945.

——— Vol. 72, No. 7. April 1, 1946. Illus. Contents:

Sporidial fusion in *Ustilago maydis* (Key No. G-1350). Donald H. Bowman.

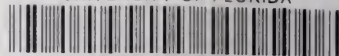
Utilization of nitrates by the coffee plant under different sunlight intensities (Key No. Hawaii-8). T. Tanada.

Relation of color-inhibiting factor to smudge resistance in onion (Key No. G-1347). H. A. Jones, J. C. Walker, T. M. Little, and R. H. Larson.

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Publication No.	Series	Title



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— Vol. 72, No. 8. April 15, 1946. Illus. Contents:

Development of the immature stages of *Anastrepha serpentina* in relation to temperature (Key No. K-337). John G. Shaw and Donald F. Starr.

Studies in the chemistry of grass silage (Key No. Mass.-53). J. G. Archibald.

The relation between number of ears opened and the amount of grain taken by redwings in cornfields (Key No. Mich.-46). D. W. Hayne.

News for farmer cooperatives. Vol. 13, No. 1, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.¹

Rural electrification news. Vol. 11, No. 7, March 1946; Vol. 11, No. 8, April 1946. Price 10¢ a copy, 75¢ a year, domestic; \$1.50 a year, foreign.¹

Soil conservation. Vol. XI, No. 10, April 1946. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries; 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 73 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

BOB MARSHALL COMES HOME. 2 reels, 16 mm. and 35 mm. sound; released 1946. Bob Marshall, Electrician's Mate, Second Class, returns home to find that the REA Co-op in his community has failed to build electric lines out to his farm because he lives in an isolated area, too far removed from the main line. He and his three neighbors are cut off from electrification because the REA Board of Directors (farmers all) believe that putting up four miles of construction work in order to reach four families would not be good business. The Board is finally persuaded by one of its members that REA Co-ops are in the business—not for profits, but for service. The Board's action strengthens Bob's faith in his country and the democratic way of working together.

FARMERS FACE THE FUTURE. 2 reels, 16 mm. and 35 mm. sound; released 1946; 20 minutes. The first section of this film shows the gigantic accomplishment of American agriculture during the war years. The second part is concerned with the problems the farmer will face in the post-war world. Such measures as soil conservation, reforestation, reseeding of grazing lands, increased farm mechanization, etc., are indicated, and the farmer is advised to keep abreast of the times through keeping informed.

HAY IS WHAT YOU MAKE IT. 2 reels, 16 mm. sound; in color, released 1946. 21 minutes. How to improve the quality of hay by cutting it at the right stage of growth; curing it properly in order to preserve the green color and thus save vitamins; and retaining the leaves to save the proteins.

U. S. DEPARTMENT OF AGRICULTURE
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